MANITOBA REGIONAL

CORN PERFORMANCE TESTS

1987

sponsored by the

MANITOBA CORN COMMITTEE

Committee Members:

E.N. Larter, University of Manitoba (Chairman)
J.R. Dean, Manitoba Agriculture, Winnipeg (Sect-Treasurer)
B. Andrews, Manitoba Agriculture, Carman
G. Bonnefoy, Manitoba Agriculture, Winnipeg
R. Chyc, Can. Seed Trade Assoc., Winnipeg
K.W. Clark, University of Manitoba, Winnipeg
A. Petkau, Man. Corn Growers' Assoc., Winnipeg
E. von Graevenitz, PPQD, Agriculture Canada, Winnipeg
S. Plett, Agriculture Canada Research Station, Brandon
C. Campbell, Agriculture Canada Research Station, Morden

Tests conducted by:

C. Campbell, Agriculture Canada Research Station, Morden
E.N. Larter, University of Manitoba, Winnipeg
† K. McGillivray, Agriculture Canada Research Station, Brandon

† We are indebted to Mr. Ken McGillivray for conducting the testing at the Brandon station and for the computer analysis of all data. S. Plett officially assumed responsibility for the corn breeding program at Brandon in July, 1987.

INTRODUCTION

The information contained in this report is based on 1987 field trials conducted by Agriculture Canada and the University of Manitoba. The Registration and Recommendation tests for both grain and silage hybrids were located at the following three locations:

Agriculture Canada Research Station, Brandon

Agriculture Canada Research Station, Morden

University of Manitoba, Ridgeville

The 1987 season was certainly one of the best in terms of growing conditions in southern Manitoba. Temperature and moisture relationships during early spring were such that seeding operations were well underway in many areas during the first week of May. Temperatures remained ideal for rapid growth during the ensuing weeks and rainfall was not a limiting factor at any time. Heat Unit accumulation for the entire season was adequate for the full development and normal dry-down of corn hybrids at the three test sites in Manitoba. The season remained frost-free until after corn harvest at two of the test locations; the third location (Brandon) received a killing frost approximately a month before harvest.

The data from only two of the three test-sites were used for evaluating hybrids for support for registration and for recommendation. Unfortunately excess trash cover from the 1986 corn crop prevented uniform emergence at Ridgeville. The Ridgeville data are included in this report for purposes of comparison only.

The corn borer was active again in 1987, although timely spraying prevented undue losses. Both Brandon and Morden test sites suffered very little loss due to borer damage. The Ridgeville test, which was not sprayed, exhibited an excellent differential among hybrids for possible tolerance to the corn borer. Unfortunately, just one day before planned harvesting of the test, a severe windstorm struck the area causing excessive stalk breakage and lodging. As reflected in the data, stalk breakage in the grain corn tests was also high this season at Brandon, due to high winds just prior to harvest.

WEATHER INFORMATION

	Ridgeville (Emerson)		Brandon		Morden	
	1987	1951-80 (average)	1987	1951-80 (average)	1987	1951-80 (average)
Temperature (°C)						
May	14.8	12.2	14.7	10.8	15.5	11.9
June	18.8	17.5	18.8	15.9	19.7	17.4
July	19.9	20.1	19.0	19.0	20.1	20.2
August	17.7	18.9	16.6	17.6	18.0	19.0
September	14.7	13.2	13.9	12.9	15.0	13.1
Precipitation (mm)						
May	25.4	62.5	37.0	47.4	47.2	66.3
June	40.6	79.6	55.0	79.1	63.2	75.8
July	90.8	81.8	77.0	73.0	148.0	73.2
August	52.7	66.6	49.0	64.5	64.2	71.1
September	25.4	53.1	31.0	45.5	31.0	51.9

First damaging Fall Frost - Ridgeville - no preharvest frost
Brandon - September 25 (-2.2°C)
Morden - no preharvest frost

Corn Heat Units from planting
to First Fall Frost (or to harvest)

	1987	1951-80 (average)
Ridgeville	2963	2579
Brandon	2541	2285
Morden	2979	2627

RECOMMENDATIONS

Recommendations for all field crops are the responsibility of the Crop Science Lead Committee, Manitoba Agriculture Service Coordinating Committee, (MASCC) which meets in November of each year. Corn hybrid recommendations are formulated by the Manitoba Corn Committee, based on the available information, and presented to MASCC with supporting data. Those agreed upon are issued by the Publications Branch, Manitoba Department of Agriculture, Winnipeg, through an annual bulletin entitled "Field Crop Recommendations for Manitoba", available on request.

The "Corn Heat Unit" is used as a basis for presenting the relative maturity level of hybrids in relation to their regional adaptation as represented by the Corn Heat Unit May as shown in this report. Because of plant - climatic interactions, the heat unit rating is not an infallible criterion of corn adaptations, however, it is a reasonably satisfactory indicator as measured in terms of relative maturities.

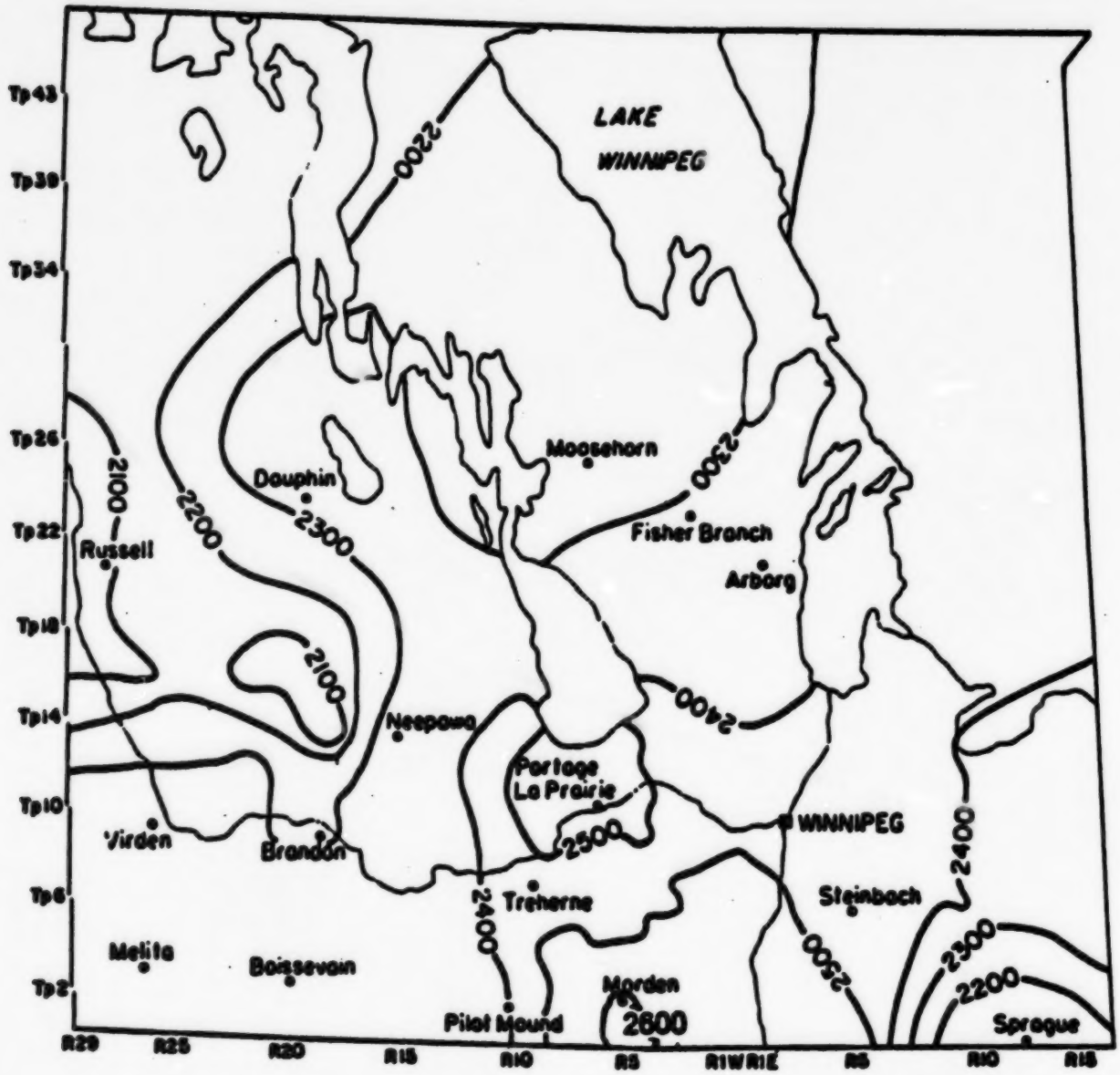
The following Heat Unit formula, as developed by R.I. Hamilton and D. Sabourin, is used by the Manitoba Corn Committee for determining the heat unit requirement of any particular hybrid:

H.U. = 133.7 + (1592.6 x D.S.) = 424.2 x G.M.

where:

D.S. = days to silk (hybrid)/days to silk (Pioneer 3995)

G.M. = grain moisture (hybrid)/grain moisture (Pioneer 3995)



Average corn heat unit accumulation.

CORN HYBRID DESCRIPTIONS - GRAIN AND SILAGE

1988 RECOMMENDATIONS

Heat Unit Rating**	Brand and/or Hybrid Name	Hybrid Type[1]	Days to Silk	Stalk Break (%)	Root Lodg. (%)	Grain Density (% of mean)[2]	Grain Moisture (%)	Grain Yield (% of mean)[3]	Silage Yield (% of mean)[4]	Plant Moisture (%)
2150	DK 233*	SC	71	5.2	1.1	104	34.0	95	-	-
	Limagrain LG3	3W	71	2.8	8.1	102	33.7	99	79	63.1
	Pickseed 2435	3W	73	4.5	10.8	102	30.6	95	81	59.1
	Pickseed 2488	3W	72	8.4	5.1	100	30.1	86	76	59.2
	Pioneer 3995	3W	71	5.4	3.3	102	32.6	94	78	63.3
	Pride K730	3W	75	3.4	1.0	103	29.3	103	101	64.2
2200	Coop 2350	MSC	75	3.8	3.1	101	31.1	96	96	63.8
	DK 235*	OC	75	3.1	4.8	99	31.4	115	-	-
	Funk G4017	3W	75	3.0	2.2	102	31.5	113	97	65.8
	Pickseed 2120	3W	74	4.4	3.6	98	34.9	96	90	63.0
	Pioneer 3994	3W	72	3.7	2.4	98	35.7	91	84	64.2
	Pioneer 3996	3W	75	7.8	3.2	102	33.5	96	87	61.0
	Pride K025	3W	74	6.2	2.9	100	31.8	82	-	-
2250	Cargill SX104	MSC	74	7.0	1.8	98	35.4	98	93	62.2
	Dekalb DK246	3W	76	7.9	4.6	99	34.7	100	89	60.3
	Funk G4083	SC	75	3.7	1.5	102	33.9	101	90	66.4
	Hyland HL3251	3W	74	4.3	4.6	99	37.9	91	91	66.4
	NK PX9028	3W	76	2.8	3.4	100	31.2	106	107	65.3
	Pickseed 2477*	3W	74	3.1	1.5	102	36.0	101	-	-
	Pioneer 3969	SC	74	5.3	0.9	97	35.1	114	101	63.3
	Pioneer 3979*	SC	74	2.1	6.2	96	35.1	120	109	65.7
	(UGG) MAC RL211	3W	75	5.3	0.9	101	34.1	105	99	66.0
2300***	Coop 2325	SC	78	4.3	4.6	97	33.0	105	115	64.0
	Coop 6312*	3W	76	4.5	2.8	99	32.6	109	-	-
	Pickseed 2020	SC	77	3.5	4.0	100	34.3	96	88	66.9
	Pickseed 2240	MSC	77	3.2	2.7	100	35.3	101	103	67.4
	Pickseed 2555A	MSC	77	3.9	7.9	97	36.8	102	103	64.9
	(UGG) MAC RL215	3W	78	3.4	2.4	100	36.4	97	93	67.4
2350***	Pride 1111	SC	77	6.4	2.1	94	36.1	101	101	63.9

*On recommended list for first time
**Entries arranged alphabetically with heat unit (HU) categories
***Insurance coverage not available. Check with Manitoba Crop Insurance for coverage on lower heat unit hybrids
Data based on Morden, Ridgeville, Brandon test site results, 1985-87 (7 station years)

[1]SC = Single cross; 3W = three way cross
MSC = Modified single cross; OC = other cross
[2]Mean Grain Density = 638 kg/m^3 (51.1 lb/bu)
[3]Mean Grain Yield = 3.88 t/ha (61.8 bu/ac)
[4]Mean Silage DM Yield = 11.4 t/ha (4.62 t/ac)

SILAGE ONLY

Heat Unit Rating	Brand and/or Hybrid Name	Hyrid Type	Days to Silk	Root Lodg. (%)	Silage Yield (% of mean)	Plant Moisture (%)
2400	Funk G4066	MSC	78	0.9	101	67.5
	NK PX414	3W	78	1.8	103	67.9
	Pioneer 3953	SC	77	0.8	105	67.1
	Pride K1115*	MSC	74	1.8	95	64.4
2450	Cargill SX111	SC	80	2.8	100	67.4
	Dekalb XL6	SC	80	1.9	98	68.3
	Jacques JX5	SC	80	2.5	108	67.5
	Hyland HL2260*	SC	79	1.1	111	66.8
	NK PX9060*	SC	79	1.6	103	66.9
	NK N1110*	3W	78	2.0	110	66.1
	Pioneer 3957	SC	78	2.0	109	67.5
2500	Coop 2610	MSC	80	5.1	105	69.0
	Dekalb T778	MSC	79	6.8	107	66.5
	First Line 1626	SC	80	1.8	106	69.5
	Funk G4018*	SC	82	4.5	133	70.1
	Funk G4102	3W	81	1.9	126	70.0
	Hyland HL2428	SC	80	2.6	125	68.3
	NK PX9902	3W	79	1.6	105	69.5

MANITOBA REGIONAL
CORN PERFORMANCE TESTS
1985 - 1987

TABLE OF CONTENTS

TABLE 1	MCC GRAIN CORN RECOMMENDATION SUMMARY - 1985 1986 1987 -
TABLE 2	MCC GRAIN CORN REGISTRATION SUMMARY - 1986 1987 -
TABLE 3	MCC GRAIN CORN TESTS - 1987 -
TABLE 4	MCC SILAGE CORN RECOMMENDATION SUMMARY - 1985 1986 1987 -
TABLE 5	MCC SILAGE CORN TESTS - 1987 -

Appendices contain 1987 data of individual tests

Appendices 1 - 4	: Grain Corn - Agriculture Canada Research Station, Brandon
Appendices 5 - 8	: Grain Corn - Agriculture Canada Research Station, Morden
Appendix 9	: Silage Corn - Agriculture Canada Research Station, Brandon
Appendix 10	: Silage Corn - Agriculture Canada Research Station, Morden
Appendix 11	: Silage Corn - University of Manitoba, Ridgeville
Appendix 12	: Working Tables for Grain Recommendation Meetings
Appendix 13	: Working Tables for Grain Registration Meetings

Table 1. MCC Grain Corn Recommendation Summary -1985, 1986, 1987-
Mean of 7 sites over 3 years

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	71	2.8	8.1	48.6	653	33.7	3.83	11.3
PAG SX104	74	7.0	1.8	49.6	627	35.4	3.79	10.7
PICKSEED 2555A	77	4.0	7.7	49.5	617	36.8	3.97	10.8
PIONEER 3994	72	3.6	2.4	50.1	622	35.7	3.54	9.9
PIONEER 3995	71	5.4	3.3	50.9	648	32.6	3.64	11.2
PRIDE K730	75	3.4	1.0	50.8	659	29.3	4.00	13.6
MEANS OF CHECKS	73	4.4	4.0	49.9	638	33.9	3.80	11.3
BRANDON 810324	71	10.3	5.7	50.2	648	30.5	3.53	11.6
BRANDON 820498	68	9.0	2.2	49.8	670	29.9	3.12	10.4
CIBA GEIGY N0004	75	3.6	6.9	47.9	608	34.7	4.24	12.2
*DEKALB DK233	71	5.1	1.1	49.6	663	34.0	3.68	10.8
*DEKALB DK235	75	3.1	4.8	50.5	633	31.4	4.46	14.2
DEKALB DK246	76	7.9	4.6	49.9	633	34.7	3.87	11.2
FUNK G4017	75	3.0	2.2	51.1	653	31.5	4.39	13.9
FUNK G4083	75	3.7	1.5	50.0	649	33.9	3.91	11.5
MORDEN 85-22	71	5.6	2.9	48.4	677	33.4	3.81	11.4
MORDEN 85-24	71	4.9	4.5	47.7	654	28.7	3.44	12.0
NORTHRUP KING PX9028	76	2.8	3.4	49.7	638	31.2	4.12	13.2
PICKSEED 2020	77	3.5	4.0	49.5	637	34.3	3.73	10.9
PICKSEED 2120	74	4.4	3.6	49.4	623	34.9	3.71	10.6
PICKSEED 2240	77	3.2	2.7	49.7	640	35.3	3.90	11.0
PICKSEED 2435	73	4.5	11.3	49.9	654	30.6	3.68	12.0
*PICKSEED 2477	74	3.1	1.5	49.8	653	36.0	3.92	10.9
PICKSEED 2488	72	8.4	5.1	47.1	637	30.1	3.33	11.1
PIONEER 3969	74	5.3	0.9	50.5	621	35.1	4.42	12.6
*PIONEER 3979	74	2.1	6.5	50.7	609	34.9	4.65	13.3
PIONEER 3996	75	7.8	3.2	51.2	649	33.5	3.70	11.1
PRIDE 1111	77	6.4	2.1	48.5	600	36.1	3.90	10.8
PRIDE K025	74	6.2	2.8	47.9	636	31.8	3.19	10.0
PRIDE K1107	77	9.3	4.3	47.6	608	36.7	3.88	10.5
THOMPSON HL 3251	74	4.2	4.6	47.2	628	37.9	3.51	9.3
THOMPSON HL 8341	73	4.0	5.2	50.2	635	32.9	4.47	13.6
U.CO-OP 2325	78	4.3	4.6	50.2	617	33.0	4.07	12.3
U.CO-OP 2350	75	3.8	3.1	50.0	647	31.1	3.73	12.0
*U.CO-OP 6312	76	4.6	2.9	50.7	629	32.4	4.24	13.1
UGG 136	75	3.2	1.6	49.7	625	35.4	4.26	12.0
UGG MAC RL211	75	5.1	0.9	51.2	644	34.1	4.07	11.9
UGG MAC RL215	78	3.4	2.4	47.9	636	36.4	3.74	10.3
UofM C84-14	73	10.6	3.0	48.9	653	32.3	3.97	12.3
UofM C84-18	73	6.1	0.7	50.6	646	32.7	3.77	11.5
MEAN	74	5.1	3.6	49.6	638	33.5	3.88	13.1

*Added to the Recommended List for 1988

Table 2. MCC Grain Corn Registration Summary -1986, 1987-
Mean of 4 sites over 2 years

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	67	3.0	0.7	49.0	695	27.7	4.10	14.8
PAG SX104	70	10.1	0.1	49.4	671	29.8	4.26	14.3
PICKSEED 2555A	73	5.6	2.7	49.0	665	30.7	4.50	14.6
PIONEER 3994	69	4.2	1.0	49.4	662	30.5	3.86	12.6
PIONEER 3995	68	7.2	1.0	49.4	685	28.3	3.84	13.5
PRIDE K730	72	5.0	1.7	49.5	698	26.2	4.29	16.4
MEANS OF CHECKS	70	5.8	1.2	49.3	679	28.9	4.14	14.4
BRANDON 810002	70	10.6	4.9	49.4	660	28.8	4.44	15.4
BRANDON 810495	68	12.6	2.0	47.7	682	29.0	4.07	14.0
BRANDON 820219	67	9.9	0.0	50.0	670	29.5	4.00	13.6
BRANDON 820307	67	6.5	0.9	49.9	696	27.3	3.92	14.4
DEKALB LX120	68	9.5	0.1	48.3	708	24.1	3.14	13.0
DEKALB X603	70	8.4	1.0	49.1	667	30.5	4.68	15.3
MORDEN 86-03	67	22.5	4.2	49.9	687	26.1	3.59	13.8
NORTHRUP KING X0546	74	4.4	0.0	49.3	671	30.3	4.88	16.1
OTTAWA OX783	70	3.4	0.7	49.8	677	28.9	4.54	15.7
OTTAWA OX828	73	4.9	0.0	49.3	684	28.8	4.67	16.2
PAG 84473	71	4.3	0.7	48.9	645	30.4	4.34	14.3
PAG 84478	72	3.2	1.5	48.7	631	34.1	4.28	12.6
PAG 85308	68	6.4	0.8	49.2	673	26.7	3.70	13.9
PAG 85310	70	6.4	0.0	49.5	672	27.4	3.96	14.5
THOMPSON HL 8443	71	6.7	1.0	50.3	671	27.8	3.95	14.2
UofM C85-1	69	5.7	3.8	48.8	693	27.4	4.28	15.6
UofM C85-17	68	10.3	0.0	49.8	696	27.4	3.95	14.4
UofM C85-18	68	8.6	1.2	49.3	697	25.1	3.82	15.2
UofM C85-5	71	4.1	0.9	50.4	667	29.4	4.44	15.1
MEAN	70	7.3	1.2	49.3	677	28.5	4.14	14.5

Table 3. MCC Grain Corn Trials -1987-

Mean of 2 sites: Brandon,Morden

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	68	3.3	0.7	49.0	729	23.7	5.05	21.3
PAG SX104	71	13.3	0.1	49.6	708	26.2	5.18	19.8
PICKSEED 2555A	75	7.9	1.4	49.2	701	28.0	5.49	19.6
PIONEER 3994	72	6.2	0.3	49.3	691	28.3	4.13	14.6
PIONEER 3995	70	8.6	0.5	49.2	719	25.3	4.57	18.0
PRIDE K730	74	5.8	0.6	49.5	742	23.3	5.10	21.9
MEANS OF CHECKS	72	7.5	0.6	49.3	715	25.8	4.92	19.2
BRANDON 810002	73	17.1	1.3	50.5	692	25.4	5.38	21.2
BRANDON 810324	69	15.0	2.1	50.4	704	24.9	3.62	14.5
BRANDON 810495	70	20.8	0.4	47.9	715	26.4	4.89	18.5
BRANDON 820219	68	16.0	0.0	49.0	700	26.2	4.63	17.7
BRANDON 820247	66	9.0	0.3	48.7	707	24.9	3.40	13.6
BRANDON 820307	69	5.7	0.3	50.0	729	24.0	4.62	19.2
BRANDON 820498	63	7.8	0.2	48.9	742	21.3	3.60	16.9
BRANDON 841774	71	5.3	4.0	49.6	708	25.0	5.08	20.3
BRANDON 841779	68	13.6	0.6	47.9	706	22.9	4.57	19.9
BRANDON 841878	70	5.1	1.0	50.4	736	23.5	5.01	21.3
BRANDON 841982	71	6.2	0.0	49.4	717	23.8	4.96	20.9
BRANDON 841983	70	13.4	0.3	49.6	713	24.0	4.51	18.8
BRANDON 841986	65	13.7	1.5	48.9	736	21.4	3.42	16.0
CIBA GEIGY N0004	74	6.5	0.8	48.8	682	28.7	5.92	20.7
DEKALB DK233	68	2.9	0.2	49.4	728	24.8	4.94	19.9
DEKALB DK235	74	4.7	2.7	49.8	719	23.6	5.94	25.1
DEKALB DK246	73	20.9	0.6	48.3	707	23.5	5.10	21.7
DEKALB DK291	74	1.7	0.0	49.8	689	29.5	5.68	19.3
DEKALB LX120	68	14.7	0.1	46.3	752	20.6	3.20	15.6
DEKALB X603	72	8.2	0.1	48.8	698	26.9	5.47	20.3
DEKALB X714	69	7.7	0.5	48.8	683	29.8	5.18	17.4
DEKALB X715	72	4.3	0.0	47.7	703	29.7	4.57	15.4
DEKALB X716	74	4.8	0.1	49.7	711	28.2	5.42	19.2
DEKALB X717	74	5.9	1.2	50.8	694	31.9	5.27	16.5
DEKALB X718	72	0.0	0.0	47.1	726	27.9	5.10	18.3
FUNK G4017	74	4.0	0.0	50.0	722	24.9	5.73	22.9
FUNK G4083	76	3.8	0.5	48.8	721	25.0	5.61	22.4
INTERSTATE VDH 84104	73	29.8	0.0	49.4	696	29.2	5.44	18.6
INTERSTATE VDH 86278	71	13.0	0.2	48.8	699	29.3	6.01	20.5
INTERSTATE VDH 86279	71	25.5	0.0	48.8	705	28.3	5.55	19.6
INTERSTATE VDH 86280	71	5.8	0.0	51.6	684	29.2	5.68	19.4
INTERSTATE VDH 86281	72	1.6	0.1	49.4	685	29.3	6.40	21.9
KING AGRO 7-7104	76	2.1	0.0	50.2	691	29.2	4.80	16.4
KING AGRO 7-8357	72	2.7	0.0	50.1	718	27.1	5.31	19.6
KING AGRO 7-8507	74	7.9	0.0	49.4	718	25.8	5.23	20.2

3 CONT'D MCC Grain Corn Trials -1987-

Mean of 2 sites: Brandon,Morden

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
KING AGRO 7-8554	74	7.6	1.2	49.5	694	29.9	5.98	20.0
LETHBRIDGE LX149	68	13.7	1.0	48.3	760	19.2	4.25	22.1
LETHBRIDGE LX150	64	9.3	0.0	49.9	720	22.1	3.43	15.5
LETHBRIDGE LX151	64	14.8	0.8	49.8	738	20.8	4.06	19.5
LETHBRIDGE LX152	67	5.0	1.6	49.6	719	21.5	3.84	17.9
LETHBRIDGE LX153	64	4.7	0.0	49.8	724	20.4	4.02	19.7
LETHBRIDGE LX154	66	1.4	0.1	49.9	717	22.4	3.90	17.4
LETHBRIDGE LX155	65	9.2	0.0	48.6	733	20.4	3.80	18.6
LETHBRIDGE LX158	62	35.3	0.0	49.7	745	18.1	2.71	15.0
MORDEN 85-22	68	1.7	0.0	51.8	726	25.0	4.76	19.1
MORDEN 85-24	67	11.9	0.0	50.6	741	21.7	4.60	21.2
MORDEN 86-03	69	39.1	0.0	50.2	725	22.9	3.88	17.0
MORDEN 87-01	72	17.5	0.3	48.9	718	24.4	5.30	21.8
MORDEN 87-02	73	12.8	0.0	47.3	710	26.7	4.80	17.9
MORDEN 87-03	72	35.7	0.0	48.8	719	25.8	4.22	16.3
MORDEN 87-04	75	6.3	0.0	47.8	709	26.7	4.50	16.9
MORDEN 87-05	67	31.6	0.0	49.5	737	22.5	4.51	20.1
MORDEN 87-06	69	22.6	0.0	49.6	728	22.0	5.31	24.1
MORDEN 87-07	71	8.8	0.0	49.9	716	25.8	5.04	19.5
MORDEN 87-08	69	15.9	3.6	49.2	719	23.0	4.78	20.7
MORDEN 87-09	66	18.8	0.0	50.0	723	24.3	4.50	18.5
MORDEN 87-10	70	17.5	0.0	50.1	710	26.3	4.82	18.3
MORDEN 87-11	68	26.8	0.1	49.1	716	23.7	4.31	18.2
MORDEN 87-12	70	8.9	0.0	49.4	722	24.6	4.95	20.1
MORDEN 87-13	64	4.1	0.0	50.3	727	24.3	5.28	21.7
NORTHRUP KING C0077	73	5.7	0.4	49.5	730	24.1	5.80	24.0
NORTHRUP KING C0187	73	6.1	0.0	48.4	725	23.0	5.77	25.0
NORTHRUP KING PX9028	76	3.8	5.0	51.3	725	23.9	5.86	24.5
NORTHRUP KING X0546	76	3.7	0.0	49.2	700	27.0	5.69	21.1
OTTAWA OX783	71	3.2	0.0	49.3	707	25.1	5.02	20.0
OTTAWA OX828	75	4.8	0.0	49.6	720	25.6	5.38	21.0
OTTAWA OX838	74	3.8	0.7	49.4	715	26.6	5.60	21.0
OTTAWA OX869	73	3.2	0.4	50.0	737	25.1	4.99	19.9
OTTAWA OX870	73	12.1	0.8	50.0	709	25.0	6.05	24.2
PAG 84473	73	6.9	0.7	48.2	677	26.7	5.03	18.8
PAG 84478	75	3.7	0.7	49.4	667	30.5	5.37	17.6
PAG 85127	74	6.6	0.0	48.8	711	24.0	5.30	22.0
PAG 85130	75	13.1	0.0	48.0	697	25.8	5.37	20.8
PAG 85307	70	5.7	0.4	49.2	740	21.4	5.05	23.7
PAG 85308	70	8.0	0.7	48.5	715	22.6	4.36	19.3
PAG 85309	74	1.7	0.0	49.5	705	27.3	4.52	16.5
PAG 85310	71	8.9	0.0	49.6	718	22.2	4.68	21.1
PICKSEED 2020	75	3.7	0.2	47.9	718	24.8	4.94	19.9
PICKSEED 2120	70	6.1	1.7	49.5	703	25.2	5.09	20.2

3 CONT'D MCC Grain Corn Trials -1987-

Mean of 2 sites: Brandon,Morden

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
PICKSEED 2240	77	6.0	0.4	48.9	718	28.0	5.18	18.5
PICKSEED 2435	70	5.9	2.1	50.1	731	22.6	4.63	20.5
PICKSEED 2477	72	5.9	0.2	48.3	719	27.9	5.10	18.3
PICKSEED 2488	69	16.9	5.0	49.5	701	23.1	4.19	18.1
PIONEER 3969	72	8.0	0.6	49.3	713	24.4	5.68	23.3
PIONEER 3979	71	2.9	1.9	48.8	703	25.5	6.49	25.5
PIONEER 3996	74	10.8	4.4	49.6	711	26.2	4.82	18.4
PIONEER 51078	78	3.7	0.1	49.4	686	27.9	5.58	20.0
PIONEER YCC71	73	2.7	1.6	49.9	705	26.8	6.08	22.7
PRIDE 1111	75	14.9	0.6	50.3	691	25.1	5.77	23.0
PRIDE K025	73	13.0	0.5	48.6	723	21.9	3.76	17.2
PRIDE K1107	76	22.0	0.8	47.0	676	29.1	5.41	18.6
THOMPSON HL 3251	73	8.0	0.8	47.1	694	28.7	4.62	16.1
THOMPSON HL 8341	71	6.0	0.3	50.2	696	25.6	6.47	25.2
THOMPSON HL 8443	72	10.4	0.9	49.1	717	23.5	4.52	19.2
THOMPSON HL 8701	75	4.9	0.1	49.5	719	26.8	5.70	21.3
THOMPSON HL 8702	77	4.5	0.0	50.0	713	28.3	5.79	20.5
THOMPSON HL 8703	75	7.9	0.0	48.5	710	27.0	5.25	19.4
U.CO-OP 2325	76	7.2	5.6	49.5	709	25.2	6.04	24.0
U.CO-OP 2335	73	7.2	0.8	49.0	699	23.5	5.11	21.7
U.CO-OP 2350	74	5.6	5.0	49.4	720	23.2	5.12	22.1
U.CO-OP 6312	75	8.1	0.6	50.4	726	24.5	6.15	25.1
U.CO-OP X758	75	47.6	0.0	48.7	694	23.8	4.23	17.8
U.CO-OP X759	77	2.1	0.3	49.5	677	33.8	5.15	15.2
UGG 136	72	5.7	2.3	49.2	713	25.0	5.87	23.5
UGG MAC RL211	74	6.7	2.0	50.1	714	26.6	5.90	22.1
UGG MAC RL215	78	6.5	0.0	49.3	706	29.3	5.62	19.2
UofM C84-14	71	19.5	0.0	47.6	729	23.0	5.09	22.1
UofM C84-18	71	8.3	0.0	50.0	716	24.9	4.80	19.3
UofM C84-20	72	19.1	0.1	49.3	724	24.7	4.42	17.9
UofM C85-1	70	6.0	0.4	48.9	733	23.8	5.22	21.9
UofM C85-17	69	13.6	0.0	49.3	729	24.5	4.65	19.0
UofM C85-18	70	13.2	0.0	49.6	735	22.4	4.55	20.3
UofM C85-20	69	29.2	0.0	49.2	741	20.4	4.59	22.5
UofM C85-5	72	3.6	0.0	50.2	699	27.3	5.65	20.7
UofM C85-7	75	5.8	0.0	49.1	729	23.4	5.22	22.3
UofM C86-1	72	11.8	0.4	49.2	723	23.3	4.82	20.7
UofM C86-13	69	17.8	0.0	48.8	726	21.4	4.48	20.9
UofM C86-2	73	35.1	1.7	49.3	730	23.2	5.10	22.0
UofM C86-3	70	4.9	0.0	49.0	710	25.1	4.85	19.3
UofM C86-6	69	13.7	0.0	48.1	726	24.6	4.98	20.3
MEAN	71	10.5	0.8	49.3	714	25.1	4.99	20.0

Table 4. MCC Silage Corn Recommendation Summary -1985, 1986, 1987-
Mean of 8 sites over 3 years

	VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
	CIBA GEIGY N0004	75	2.5	4.9	48.2	66.7	11.1	16.7
	DEKALB DK24	78	3.6	4.1	48.5	66.2	11.4	17.2
	DEKALB DK246	75	3.3	10.0	48.0	60.4	10.1	16.7
	DEKALB T778	79	3.3	6.9	47.8	66.6	12.2	18.4
	DEKALB XL6	80	1.8	1.9	48.9	68.3	11.2	16.4
	FIRST LINE 1626	80	1.3	1.9	48.5	69.5	12.1	17.3
	FUNK G4017	75	2.9	2.5	48.8	65.9	11.1	16.8
** (*)	FUNK G4018	82	0.5	4.5	48.6	70.1	15.2	21.6
	FUNK G4066	78	4.1	0.9	50.2	67.5	11.6	17.1
	FUNK G4083	75	5.2	2.0	49.5	66.4	10.2	15.4
	FUNK G4102	81	1.4	1.9	49.1	70.1	14.4	20.6
	JACQUES JX3	79	3.0	3.0	49.1	66.6	12.2	18.3
	JACQUES JX5	80	3.9	2.5	48.2	67.5	12.3	18.2
	LIMAGRAIN LG3	71	3.8	2.1	49.5	63.2	9.1	14.3
	MINAS 3012	78	2.1	1.9	49.2	68.1	11.8	17.4
	MINAS 835	79	1.8	2.1	50.4	66.4	12.3	18.5
	NORTHRUP KING PX414	78	1.6	1.8	49.9	68.0	11.7	17.2
	NORTHRUP KING PX9028	76	2.4	2.0	48.1	65.4	12.2	18.6
** (*)	NORTHRUP KING PX9060	79	1.5	1.6	48.0	66.9	11.8	17.6
	NORTHRUP KING PX9902	79	1.2	1.6	49.8	69.5	12.0	17.2
	NORTHRUP KING X0875	78	1.3	2.0	49.5	66.1	12.6	19.0
	PAG SX104	74	3.4	2.1	49.7	62.3	10.6	17.0
	PAG SX111	80	2.0	2.8	47.9	67.5	11.5	17.0
	PICKSEED 2020	77	2.2	3.2	47.7	67.0	10.0	14.9
	PICKSEED 2120	74	1.7	3.4	48.7	63.0	10.2	16.2
	PICKSEED 2240	77	3.2	3.4	48.7	67.4	11.7	17.4
	PICKSEED 2435	72	3.2	3.3	48.5	59.1	9.2	15.6
	PICKSEED 2488	72	3.8	1.3	45.7	59.3	8.7	14.7
	PICKSEED 2555A	77	4.4	3.7	47.1	64.9	11.7	18.1
	PIONEER 3953	77	1.4	0.8	50.4	67.1	12.0	17.9
	PIONEER 3957	78	3.3	2.1	49.3	67.5	12.4	18.3
	PIONEER 3969	75	2.5	1.0	49.6	63.4	11.5	18.1
	PIONEER 3979	74	3.5	2.9	49.6	65.7	12.5	19.0
	PIONEER 3994	72	2.4	2.1	49.2	64.3	9.5	14.8
	PIONEER 3995	71	4.1	1.6	49.4	63.3	8.9	14.1
	PIONEER 3996	74	3.3	1.8	49.6	61.0	9.9	16.3
	PRIDE 1111	78	1.9	0.8	48.6	64.0	11.5	18.0
	PRIDE K1107	76	2.5	3.0	45.2	63.8	10.2	16.0
**	PRIDE K1115	78	1.5	1.7	49.0	68.3	10.9	15.9
	PRIDE K730	75	3.3	2.4	50.1	64.3	11.6	18.0
** (*)	THOMPSON HL 2260	79	1.4	1.1	48.4	66.8	12.7	19.0
	THOMPSON HL 2428	80	3.3	2.7	49.6	68.3	14.2	20.8
	THOMPSON HL 3251	75	3.5	1.9	48.6	66.4	10.3	15.6
	THOMPSON HL 8341	73	4.2	1.6	48.8	61.9	10.8	17.4
	U.CO-OP 2325	77	4.1	3.4	47.9	64.0	13.2	20.6
	U.CO-OP 2350	75	3.6	1.5	48.7	63.9	10.9	17.1
	U.CO-OP 2610	80	3.8	5.2	48.5	69.0	11.9	17.3
	U.CO-OP S259	79	4.1	9.9	45.2	66.9	11.8	17.7
	UGG MAC RL211	76	2.2	0.8	49.2	66.1	11.3	17.1
	UGG MAC RL215	78	4.1	1.4	46.0	67.5	10.6	15.7
	MEAN	77	2.8	2.7	48.7	65.8	11.4	17.7

NOTE: (*) 6 sites over 2 years
** Added to the Recommended List for 1988

Table 5. MCC Silage Corn Trials -1987-

Mean of 3 sites: Morden,Ridgeville,Brandon

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
BRANDON 810324	69	3.9	0.5	48.0	62.0	8.8	14.3
CIBA GEIGY N0004	72	3.9	1.9	47.8	64.4	14.6	22.7
DEKALB DK233	67	5.1	0.5	48.4	60.2	10.2	16.9
DEKALB DK24	77	2.6	0.0	45.1	63.1	14.1	22.3
DEKALB DK246	72	3.6	0.0	45.1	52.7	11.6	21.9
DEKALB T778	77	2.1	2.6	47.8	63.4	15.5	24.4
DEKALB XL6	80	0.0	0.1	46.8	67.2	12.9	19.2
FIRST LINE 1626	79	0.5	0.7	47.0	67.6	14.8	21.8
FUNK G4010	77	0.4	0.0	49.1	69.4	14.1	20.4
FUNK G4017	73	1.9	0.5	48.4	65.8	13.5	20.5
FUNK G4018	80	0.2	2.1	47.8	67.2	19.3	28.8
FUNK G4066	76	3.5	0.0	48.0	64.5	13.9	21.6
FUNK G4083	74	5.1	0.0	48.0	64.3	12.4	19.3
FUNK G4102	80	1.1	0.0	49.2	67.8	18.0	26.5
JACQUES JX3	77	1.6	1.0	49.4	63.9	15.2	23.8
JACQUES JX5	80	3.6	2.1	47.7	65.0	16.1	24.7
LIMAGRAIN LG3	69	1.5	0.8	48.3	61.3	10.7	17.5
MINAS 3012	75	0.8	0.0	49.2	65.9	14.0	21.2
MINAS 835	79	1.8	0.0	49.4	65.7	15.6	23.8
MORDEN 85-22	67	1.6	0.0	48.6	61.2	9.5	15.6
MORDEN 85-24	68	1.2	0.0	48.0	56.3	9.4	16.7
NORTHRUP KING PX414	78	1.2	0.8	49.6	65.4	14.9	22.8
NORTHRUP KING PX9028	73	2.4	0.0	45.5	65.8	14.4	21.9
NORTHRUP KING PX9060	77	0.7	1.0	46.9	64.9	14.1	21.8
NORTHRUP KING PX9902	79	0.9	0.1	49.5	67.0	15.0	22.4
NORTHRUP KING X0875	76	0.7	0.8	48.7	63.8	15.5	24.2
PAG SX104	71	4.2	0.0	49.8	60.1	11.9	19.8
PAG SX108	53	0.7	1.2	49.5	66.0	15.6	23.7
PAG SX111	79	1.6	2.3	46.3	66.1	13.5	20.5
PICKSEED 2020	75	1.5	1.6	44.3	65.8	11.8	18.0
PICKSEED 2120	70	1.0	0.7	45.2	62.0	11.7	18.9
PICKSEED 2240	76	2.7	1.9	50.0	67.2	15.0	22.4
PICKSEED 2435	69	4.4	0.0	48.9	54.4	11.2	20.7
PICKSEED 2477	70	1.1	0.0	49.9	63.4	12.9	20.3
PICKSEED 2488	69	3.6	0.5	46.3	57.0	11.0	19.4
PICKSEED 2555A	75	4.5	0.0	44.1	63.7	13.8	21.6
PICKSEED MS 2627	79	3.2	3.1	47.4	71.5	17.9	25.1
PIONEER 3953	75	0.4	0.0	50.5	65.9	14.6	22.1
PIONEER 3957	77	2.7	0.0	48.9	62.4	15.7	25.2
PIONEER 3969	73	2.4	0.0	49.8	60.9	13.4	22.1
PIONEER 3979	72	1.6	0.1	49.0	65.8	14.4	21.9
PIONEER 3994	70	2.5	0.0	47.7	64.2	10.5	16.4
PIONEER 3995	69	4.6	0.7	49.2	63.2	10.9	17.3
PIONEER 3996	71	4.1	0.0	49.4	57.3	12.1	21.1
PRIDE 1111	75	1.4	0.1	48.2	59.8	14.0	23.4
PRIDE K025	71	4.3	3.4	48.2	56.0	10.5	18.8

5 CONT'D MCC Silage Corn Trials -1987-

Mean of 3 sites: Morden,Ridgeville,Brandon

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
PRIDE K035	75	3.1	0.0	47.8	63.9	13.4	20.9
PRIDE K1107	74	1.8	0.6	43.1	60.8	12.3	20.2
PRIDE K1115	76	1.0	0.0	47.9	67.8	13.0	19.1
PRIDE K730	73	3.1	1.9	49.1	62.6	14.5	23.2
THOMPSON HL 2260	78	1.6	0.5	48.5	64.7	15.8	24.3
THOMPSON HL 2280	80	0.4	0.0	47.1	69.5	16.8	24.1
THOMPSON HL 2428	80	1.8	1.4	47.2	66.1	17.7	26.7
THOMPSON HL 3251	73	2.7	1.2	48.8	64.6	11.7	18.1
THOMPSON HL 8341	71	2.5	0.0	45.1	59.7	12.1	20.3
U.CO-OP 2325	75	3.0	2.1	49.1	60.7	18.0	29.7
U.CO-OP 2335	72	3.9	1.3	48.9	57.3	11.9	20.8
U.CO-OP 2350	73	3.9	1.0	48.3	62.8	13.5	21.5
U.CO-OP 2610	78	0.9	0.8	47.4	67.4	14.0	20.8
U.CO-OP 6312	75	4.1	0.0	47.6	62.4	13.9	22.3
U.CO-OP S259	76	2.5	2.7	46.5	64.8	14.7	22.7
UGG 136	72	2.7	1.2	49.0	60.9	13.6	22.4
UGG MAC RL211	74	3.5	0.0	48.3	64.4	13.2	20.5
UGG MAC RL215	77	2.2	0.6	42.1	65.9	12.7	19.3
MEAN	74	2.3	0.7	47.8	63.5	13.6	21.6

Appendix 1 MANITOBA GRAIN CORN TEST #1 -1987-

Agriculture Canada Research Station, Brandon, Manitoba

Date Seeded: May 7, 1987 Plot Size:5.2m X 1.50m
Date Harvested: October 7, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	71	3.9	0.0	48.5	719	24.5	4.68	19.1
PAG SX104	74	27.2	0.0	48.3	701	26.0	5.07	19.5
PICKSEED 2555A	80	9.0	0.0	48.5	694	27.1	5.10	18.8
PIONEER 3994	74	10.9	0.0	48.5	683	27.9	3.75	13.5
PIONEER 3995	72	13.3	0.0	48.5	716	25.1	3.82	15.2
PRIDE K730	79	10.0	0.0	47.2	731	23.2	4.43	19.1
MEANS OF CHECKS	75	12.4	0.0	48.2	707	25.6	4.48	17.5
BRANDON 810324	71	30.3	2.1	48.5	712	23.1	3.05	13.2
CIBA GEIGY N0004	76	10.6	1.0	48.5	672	29.1	5.30	18.2
DEKALB DK233	71	1.8	0.0	48.3	723	24.3	4.70	19.3
DEKALB DK235	76	7.6	1.0	48.3	706	24.2	5.34	22.1
DEKALB DK246	76	40.8	0.0	48.3	697	23.5	4.73	20.1
DEKALB DK291	79	2.0	0.0	48.5	682	28.0	5.30	19.0
FUNK G4017	76	3.9	0.0	48.3	717	24.8	5.25	21.2
FUNK G4083	81	7.0	0.0	47.8	709	26.0	5.47	21.0
NORTHRUP KING PX9028	80	5.0	0.0	48.5	711	24.8	5.29	21.3
PICKSEED 2020	79	6.1	0.0	48.5	701	25.5	4.67	18.3
PICKSEED 2120	72	6.5	3.1	48.5	691	24.6	4.62	18.8
PICKSEED 2240	80	6.6	0.0	48.5	704	29.6	4.53	15.3
PICKSEED 2435	73	3.7	2.1	48.5	723	22.2	4.62	20.8
PICKSEED 2477	74	8.4	0.0	48.2	716	26.3	5.08	19.3
PICKSEED 2488	71	29.5	1.0	48.5	696	22.9	3.60	15.7
PIONEER 3969	74	10.5	0.0	47.9	717	22.5	5.06	22.5
PIONEER 3979	73	3.4	0.0	48.2	687	26.6	6.02	22.6
PIONEER 3996	78	14.7	0.0	48.5	690	27.5	3.83	14.0
PRIDE 1111	79	21.8	0.0	48.3	683	23.8	4.74	19.9
PRIDE K025	77	24.4	0.0	47.9	709	22.0	2.95	13.4
PRIDE K1107	81	29.8	1.0	48.5	672	28.2	4.66	16.6
THOMPSON HL 3251	76	15.3	1.0	48.5	693	27.9	4.81	17.2
THOMPSON HL 8341	75	8.7	0.0	48.5	685	25.3	5.90	23.3
U.CO-OP 2325	81	13.2	0.0	48.5	687	27.3	5.95	21.8
U.CO-OP 2335	76	8.9	0.0	47.7	688	23.0	4.25	18.5
U.CO-OP 2350	77	10.6	0.0	48.5	712	24.1	5.20	21.6
U.CO-OP 6312	78	14.7	0.0	48.5	717	25.5	5.01	19.6
UGG 136	75	10.7	0.0	48.5	703	25.3	5.28	20.8
UGG MAC RL211	77	10.7	0.0	48.5	703	26.4	5.20	19.7
UGG MAC RL215	81	11.5	0.0	48.5	694	28.5	4.73	16.6
MEAN	76	12.6	0.3	48.3	701	25.5	4.78	18.8
C.V.	2	63.0	407.6	0.7	1	5.6	12.51	15.2
LSD	3	13.0	2.3	0.6	17	2.4	0.98	4.7

Appendix 2. MANITOBA GRAIN CORN TEST #2 -1987-

Agriculture Canada Research Station, Brandon, Manitoba

Date Seeded: May 7, 1987 Plot Size:5.0m X 1.50m
Date Harvested: October 7, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	71	3.5	1.8	48.7	716	23.5	5.25	22.3
PAG SX104	75	18.3	0.0	48.9	697	26.9	4.96	18.4
PICKSEED 2555A	78	8.8	4.4	48.7	690	28.0	5.98	21.4
PIONEER 3994	75	5.3	0.9	48.7	662	30.5	3.56	11.7
PIONEER 3995	73	7.9	0.0	48.7	706	25.8	4.81	18.7
PRIDE K730	78	7.0	0.9	48.7	733	25.4	4.15	16.3
MEANS OF CHECKS	75	8.4	1.3	48.7	701	26.7	4.78	18.1
BRANDON 810002	77	17.5	0.9	48.7	680	25.2	5.50	21.8
BRANDON 810495	74	23.3	0.9	48.4	694	26.2	5.25	20.0
BRANDON 820219	72	12.6	0.0	48.6	689	26.5	4.86	18.3
BRANDON 820247	69	8.8	0.9	48.6	701	24.9	3.50	14.1
BRANDON 820307	72	6.1	0.9	48.6	712	25.2	4.65	18.5
BRANDON 820498	65	8.0	0.0	48.6	729	21.4	3.56	16.7
BRANDON 841774	75	3.5	0.0	48.6	699	24.9	4.99	20.1
BRANDON 841779	71	14.7	1.8	48.4	693	24.4	4.62	18.9
BRANDON 841878	72	4.6	3.9	48.8	717	24.0	4.80	20.0
BRANDON 841982	73	7.7	0.0	48.6	706	24.3	4.83	19.9
BRANDON 841983	73	16.7	0.0	48.7	698	23.9	4.66	19.5
BRANDON 841986	68	15.9	0.0	48.6	721	22.3	3.00	13.4
DEKALB LX120	70	16.9	0.0	48.6	745	20.0	3.30	16.5
DEKALB X603	74	5.3	0.0	48.7	693	27.3	5.73	21.0
DEKALB X714	71	7.1	1.1	48.8	678	28.3	5.65	20.0
DEKALB X715	75	2.6	0.0	48.7	687	30.2	4.50	14.9
DEKALB X716	78	4.4	0.0	48.7	695	28.6	4.91	17.2
DEKALB X717	79	5.3	0.0	48.7	678	33.0	5.33	16.1
INTERSTATE VDH 84104	77	30.0	0.0	48.6	680	28.0	5.13	18.3
INTERSTATE VDH 86278	74	15.4	0.0	48.6	677	27.7	5.32	19.2
INTERSTATE VDH 86279	74	34.7	0.0	48.5	696	25.3	4.58	18.1
INTERSTATE VDH 86280	74	5.3	0.0	48.7	672	27.5	5.05	18.4
INTERSTATE VDH 86281	77	1.9	0.0	48.6	677	27.5	6.18	22.5
KING AGRO 7-7104	80	0.0	0.0	48.9	667	29.7	4.03	13.6
KING AGRO 7-8357	77	2.6	0.0	48.7	698	27.3	5.44	20.0
KING AGRO 7-8507	77	7.9	0.0	48.7	708	25.9	4.85	18.7
KING AGRO 7-8554	78	5.3	5.3	48.7	684	30.5	5.73	18.8
U.CO-OP X758	79	37.1	0.0	48.6	677	23.7	4.04	17.0
U.CO-OP X759	81	1.8	0.9	48.6	667	34.5	5.21	15.1
MEAN	74	10.7	0.7	48.7	695	26.5	4.80	18.2
C.V.	2	78.1	292.6	0.4	1	5.6	13.28	14.2
LSD	3	13.6	3.3	0.3	17	2.4	1.04	4.2

Appendix 3. MANITOBA GRAIN CORN TEST #3 -1987-

Agriculture Canada Research Station, Brandon, Manitoba

Date Seeded: May 7, 1987 Plot Size:5.0m X 1.50m
Date Harvested: October 7, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	72	5.4	0.0	48.6	718	24.1	5.01	20.7
PAG SX104	74	16.4	0.0	48.6	699	25.6	5.65	22.1
PICKSEED 2555A	78	21.3	0.0	48.9	678	28.4	5.61	19.7
PIONEER 3994	77	7.9	0.0	48.7	681	28.7	4.55	15.9
PIONEER 3995	71	12.3	0.9	48.7	708	25.7	4.71	18.4
PRIDE K730	78	2.8	1.0	48.6	721	26.1	5.06	19.4
MEANS OF CHECKS	75	11.0	0.3	48.7	701	26.4	5.10	19.4
LETHBRIDGE LX149	71	20.2	0.0	48.6	748	19.6	4.54	23.2
LETHBRIDGE LX150	66	11.8	0.0	48.5	705	22.2	3.31	14.9
LETHBRIDGE LX151	66	19.4	0.9	48.6	734	20.6	3.75	18.2
LETHBRIDGE LX152	69	6.1	1.8	48.6	712	21.6	4.25	19.6
LETHBRIDGE LX153	66	3.8	0.0	48.4	712	21.1	4.08	19.3
LETHBRIDGE LX154	68	1.9	0.0	48.2	715	21.6	4.59	21.3
LETHBRIDGE LX155	67	15.8	0.0	48.6	725	20.1	3.55	17.7
LETHBRIDGE LX158	64	45.9	0.0	48.6	733	18.6	2.63	14.2
MORDEN 85-24	68	19.5	0.0	48.7	736	19.7	3.69	18.7
MORDEN 86-03	70	53.8	0.0	48.4	716	22.9	3.66	16.0
MORDEN 87-01	74	29.6	0.0	48.5	720	21.9	4.98	22.8
MORDEN 87-02	76	19.1	0.0	46.2	704	26.8	4.93	18.4
MORDEN 87-03	76	50.6	0.0	48.4	708	25.3	4.06	16.1
MORDEN 87-04	78	7.3	0.0	48.6	702	28.0	4.40	15.7
MORDEN 87-05	69	50.4	0.0	49.1	718	22.4	4.39	19.6
MORDEN 87-06	73	34.0	0.0	48.4	704	23.1	5.54	24.0
MORDEN 87-07	78	11.7	0.0	48.7	682	29.8	4.64	15.6
MORDEN 87-08	72	23.3	2.0	48.6	712	22.3	4.59	20.6
MORDEN 87-09	70	27.6	0.0	48.6	712	24.4	4.83	19.8
MORDEN 87-10	75	31.4	0.0	48.4	695	26.8	4.70	17.5
MORDEN 87-11	70	45.0	0.0	48.6	701	23.0	4.02	17.5
MORDEN 87-12	72	12.7	0.0	48.3	719	22.7	4.90	21.5
PIONEER 51078	81	1.9	0.0	48.6	672	28.3	5.98	21.1
PIONEER YCC71	76	3.5	0.9	48.7	692	27.8	6.44	23.2
THOMPSON HL 8443	76	14.9	0.9	48.7	705	24.2	4.50	18.6
THOMPSON HL 8701	80	5.6	0.0	48.7	704	28.3	5.75	20.3
THOMPSON HL 8702	81	6.1	0.0	48.7	699	28.7	5.16	18.0
THOMPSON HL 8703	77	7.1	0.0	48.5	703	27.4	5.56	20.3
MEAN	73	19.0	0.2	48.5	709	24.3	4.65	19.1
C.V.	2	53.7	407.9	1.8	1	5.0	14.07	15.5
LSD	3	16.6	1.6	1.4	15	2.0	1.07	4.8

Appendix 4. MANITOBA GRAIN CORN TEST #4 -1987-

Agriculture Canada Research Station, Brandon, Manitoba

Date Seeded: May 7, 1987 Plot Size:5.0m X 1.50m
Date Harvested: October 7, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	71	12.6	0.0	48.5	715	23.6	4.91	20.8
PAG SX104	74	34.3	0.0	48.7	697	26.9	4.48	16.7
PICKSEED 2555A	79	14.6	0.9	48.5	692	28.0	5.90	21.1
PIONEER 3994	77	10.6	0.9	48.7	677	29.5	3.86	13.1
PIONEER 3995	74	18.5	0.9	48.7	698	27.6	4.43	16.1
PRIDE K730	77	10.4	1.8	48.9	720	26.0	4.74	18.2
MEANS OF CHECKS	75	16.8	0.7	48.7	700	26.9	4.72	17.7
NORTHRUP KING C0077	78	7.8	0.9	48.7	711	25.8	5.60	21.7
NORTHRUP KING C0187	77	10.6	0.0	48.7	708	23.7	5.84	24.6
NORTHRUP KING X0546	81	5.8	0.0	48.7	682	29.2	5.72	19.6
OTTAWA OX783	74	2.5	0.0	48.7	689	25.9	4.91	19.0
OTTAWA OX828	79	9.6	0.0	48.3	705	26.9	5.64	21.0
OTTAWA OX838	78	4.7	1.8	48.7	699	28.0	5.47	19.5
OTTAWA OX869	77	4.9	1.0	48.4	715	26.6	4.59	17.3
OTTAWA OX870	77	18.1	1.0	48.4	692	25.3	5.83	23.0
PAG 84473	75	11.0	0.9	48.4	672	24.4	4.95	20.3
PAG 84478	78	6.1	0.9	48.6	659	30.3	5.18	17.1
PAG 85127	79	13.5	0.0	48.7	702	24.5	5.00	20.4
PAG 85130	78	11.9	0.0	48.2	680	26.4	5.29	20.0
PAG 85307	73	8.0	0.9	48.6	721	22.8	5.10	22.4
PAG 85308	73	15.5	0.9	48.7	696	23.4	4.17	17.8
PAG 85309	78	3.5	0.0	48.9	682	29.5	3.92	13.3
PAG 85310	75	7.5	0.0	48.6	702	23.6	4.92	20.9
UofM C84-14	74	48.2	0.0	48.5	712	23.2	5.06	21.8
UofM C84-18	75	16.3	0.0	48.7	706	25.6	4.83	18.9
UofM C84-20	77	6.3	0.0	48.8	706	27.3	4.62	16.9
UofM C85-1	75	6.6	0.9	48.6	710	26.0	5.22	20.0
UofM C85-17	72	28.4	0.0	48.6	715	24.4	4.43	18.2
UofM C85-18	72	20.2	0.0	48.6	733	21.4	3.95	18.4
UofM C85-20	72	58.3	0.0	48.6	718	21.6	3.77	17.4
UofM C85-5	76	5.2	0.0	48.6	683	29.1	5.31	18.2
UofM C85-7	79	11.2	0.0	48.6	707	24.4	4.74	19.4
UofM C86-1	74	27.6	1.0	48.5	718	21.4	4.03	18.9
UofM C86-13	72	27.5	0.0	48.6	709	22.1	4.19	19.0
UofM C86-2	78	33.6	2.8	48.6	712	24.8	4.79	19.3
UofM C86-3	73	9.0	0.0	48.6	695	26.5	4.85	18.3
UofM C86-6	72	31.0	0.0	48.7	719	23.7	4.72	19.9
MEAN	76	15.9	0.5	48.6	702	25.5	4.86	19.2
C.V.	2	58.3	257.1	0.5	2	5.4	11.62	15.1
LSD	3	15.1	2.0	0.4	17	2.3	0.92	4.7

Appendix 5. MANITOBA GRAIN CORN TEST #1 -1987-

Agriculture Canada Research Station, Morden, Manitoba

Date Seeded: May 13, 1987 Plot Size:9.00m X 0.75m
Date Harvested: October 7, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	65	0.2	0.4	48.5	740	23.6	5.24	22.2
PAG SX104	67	1.6	0.3	51.1	722	24.9	5.45	21.9
PICKSEED 2555A	69	3.2	0.5	50.4	710	26.9	4.98	18.5
PIONEER 3994	63	4.4	0.2	49.8	706	26.3	3.99	15.2
PIONEER 3995	64	3.6	0.0	49.7	734	24.1	4.28	17.8
PRIDE K730	67	8.7	0.0	51.7	775	19.4	5.84	30.1
MEANS OF CHECKS	66	3.6	0.3	50.2	731	24.2	4.96	20.9
BRANDON 810324	65	0.4	0.0	52.1	705	25.0	3.92	15.7
CIBA GEIGY N0004	70	3.1	0.3	49.0	699	26.3	6.07	23.1
DEKALB DK233	63	5.0	0.2	50.3	742	23.6	4.78	20.3
DEKALB DK235	69	2.3	2.9	51.1	742	21.4	6.05	28.2
DEKALB DK246	68	2.1	0.4	48.1	726	22.0	5.06	23.0
DEKALB DK291	68	1.9	0.0	50.9	704	28.9	5.58	19.3
FUNK G4017	69	5.1	0.0	51.6	735	23.3	5.73	24.6
FUNK G4083	68	0.9	0.3	49.7	742	22.3	5.28	23.6
NORTHRUP KING PX9028	69	3.3	3.3	53.9	748	21.3	5.96	28.0
PICKSEED 2020	69	1.7	0.1	47.2	743	22.5	4.80	21.3
PICKSEED 2120	66	7.2	0.2	50.3	724	24.0	5.16	21.4
PICKSEED 2240	71	6.9	0.3	49.1	740	24.5	5.43	22.1
PICKSEED 2435	65	10.2	0.0	51.6	747	21.6	4.26	19.7
PICKSEED 2477	67	4.3	0.1	48.3	730	27.5	4.70	17.1
PICKSEED 2488	64	6.1	5.8	50.4	715	21.8	4.44	20.4
PIONEER 3969	67	7.0	0.4	50.5	719	24.6	5.84	23.7
PIONEER 3979	67	3.0	1.2	49.2	728	22.6	6.43	28.4
PIONEER 3996	67	8.7	2.8	50.5	740	23.1	5.44	23.6
PRIDE 1111	69	10.4	0.4	52.2	707	24.6	6.36	25.8
PRIDE K025	67	2.5	0.3	49.2	747	20.2	4.29	21.2
PRIDE K1107	69	18.4	0.3	45.4	688	28.0	5.73	20.4
THOMPSON HL 3251	68	1.3	0.3	45.6	704	27.4	4.02	14.7
THOMPSON HL 8341	65	4.2	0.2	51.7	715	24.2	6.51	26.9
U.CO-OP 2325	68	1.6	3.6	50.4	739	21.4	5.62	26.3
U.CO-OP 2335	67	7.1	0.5	50.3	719	22.4	5.58	24.9
U.CO-OP 2350	69	0.9	3.2	50.2	737	20.8	4.61	22.2
U.CO-OP 6312	69	2.1	0.4	52.1	744	21.8	6.82	31.3
UGG 136	67	1.0	1.5	49.8	732	23.0	5.99	26.1
UGG MAC RL211	69	3.6	1.3	51.5	734	25.0	6.13	24.5
UGG MAC RL215	72	2.1	0.0	49.9	726	28.0	6.08	21.7
MEAN	67	4.3	0.8	50.1	728	23.8	5.35	22.7
C.V.	2	102.5	312.8	3.6	2	6.1	14.80	17.6
LSD	2	7.3	4.1	2.9	18	2.4	1.30	6.6

Appendix 6. MANITOBA GRAIN CORN TEST #2 -1987-

Agriculture Canada Research Station, Morden, Manitoba

Date Seeded: May 13, 1987 Plot Size:9.00m X 0.75m
Date Harvested: October 7, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	65	0.3	0.0	50.4	744	24.3	5.04	20.7
PAG SX104	68	2.4	0.1	50 6	713	26.5	5.37	20.2
PICKSEED 2555A	71	2.0	1.1	48.4	716	28.0	5.77	20.6
PIONEER 3994	69	4.7	0.0	50.6	705	26.9	4.94	18.4
PIONEER 3995	68	2.9	0.2	48.5	734	23.7	4.68	19.8
PRIDE K730	70	2.6	1.0	50.1	751	21.6	6.18	28.7
MEANS OF CHECKS	69	2.5	0.5	49.8	727	25.2	5.33	21.4
BRANDON 810002	69	7.5	2.1	52.2	703	25.8	5.54	21.5
BRANDON 810495	66	6.8	0.0	47.4	733	26.7	4.79	17.9
BRANDON 820219	64	11.7	0.0	49.4	709	26.1	4.64	17.8
BRANDON 820247	64	4.5	0.2	48.7	711	25.2	3.48	13.8
BRANDON 820307	66	2.1	0.2	51.3	745	23.1	4.84	21.0
BRANDON 820498	62	3.4	0.2	49.2	753	21.4	3.84	17.9
BRANDON 841774	68	4.7	3.8	50.6	715	25.3	5.45	21.6
BRANDON 841779	65	5.0	0.3	47.4	717	21.6	4.77	22.1
BRANDON 841878	68	3.0	0.2	52.0	753	23.2	5.51	23.7
BRANDON 841982	69	1.1	0.0	50.1	726	23.5	5.37	22.8
BRANDON 841983	68	2.3	0.2	50.4	725	24.4	4.61	18.9
BRANDON 841986	63	3.9	1.4	49.2	749	20.6	4.05	19.7
DEKALB LX120	67	4.3	0.1	44.1	756	21.3	3.28	15.4
DEKALB X603	69	7.5	0.1	48.8	702	26.7	5.49	20.5
DEKALB X714	67	4.4	0.0	48.9	686	31.6	4.98	15.8
DEKALB X715	69	4.0	0.0	46.7	716	29.4	4.88	16.6
DEKALB X716	70	2.9	0.1	50.5	725	28.1	6.25	22.2
DEKALB X717	70	3.6	1.1	52.7	708	31.1	5.49	17.7
DEKALB X718	72	0.0	0.0	46.9	726	27.9	5.36	19.2
INTERSTATE VDH 84104	69	13.8	0.0	50.2	710	30.7	6.06	19.7
INTERSTATE VDH 86278	69	3.2	0.2	48.9	718	31.1	7.06	22.7
INTERSTATE VDH 86279	68	0.9	0.0	49.0	712	31.4	6.87	21.9
INTERSTATE VDH 86280	69	3.4	0.0	54.5	694	31.2	6.65	21.3
INTERSTATE VDH 86281	68	0.4	0.1	50.2	691	31.3	6.99	22.3
KING AGRO 7-7104	72	1.7	0.0	51.5	713	29.0	5.87	20.2
KING AGRO 7-8357	68	1.4	0.0	51.4	736	27.1	5.46	20.1
KING AGRO 7-8507	70	3.7	0.0	50.1	726	26.0	5.91	22.7
KING AGRO 7-8554	70	0.0	0.0	50.3	702	29.5	6.57	22.2
U.CO-OP X758	71	35.3	0.0	48.8	710	24.1	4.66	19.3
U.CO-OP X759	74	1.3	0.3	50.3	685	33.5	5.37	16.0
MEAN	68	4.5	0.3	49.7	720	26.6	5.33	20.1
C.V.	2	100.9	574.6	4.9	1	5.2	10.94	12.0
LSD	3	7.4	2.4	4.0	17	2.3	0.96	4.0

Appendix 7. MANITOBA GRAIN CORN TEST #3 -1987-

Agriculture Canada Research Station, Morden, Manitoba

Date Seeded: May 13, 1987 Plot Size:9.00m X 0.75m
Date Harvested: October 7, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	66	0.1	0.1	50.5	744	22.4	5.28	23.5
PAG SX104	68	3.0	0.0	49.5	725	26.2	5.26	20.1
PICKSEED 2555A	72	2.9	2.1	49.4	720	28.2	5.54	19.7
PIONEER 3994	68	2.4	0.0	48.9	707	27.9	4.68	16.8
PIONEER 3995	66	7.0	0.0	49.4	728	24.5	4.37	17.9
PRIDE K730	72	4.7	0.0	50.5	747	23.6	5.88	24.9
MEANS OF CHECKS	69	3.3	0.6	49.7	729	25.5	5.17	20.5
LETHBRIDGE LX149	65	5.7	1.1	47.9	772	19.0	4.34	22.8
LETHBRIDGE LX150	62	6.4	0.0	51.0	734	22.2	3.83	17.2
LETHBRIDGE LX151	62	9.3	0.0	50.8	742	21.2	4.70	22.1
LETHBRIDGE LX152	66	3.6	0.0	50.4	725	21.6	3.78	17.5
LETHBRIDGE LX153	62	6.0	0.0	51.0	736	20.0	4.30	21.6
LETHBRIDGE LX154	64	0.7	0.1	51.4	719	23.5	3.58	15.2
LETHBRIDGE LX155	63	1.0	0.0	48.5	741	21.0	4.36	20.8
LETHBRIDGE LX158	61	22.8	0.0	50.7	757	17.8	3.02	17.0
MORDEN 85-22	68	1.9	0.0	51.4	727	25.2	4.86	19.3
MORDEN 85-24	67	2.6	0.0	52.4	746	24.0	5.86	24.4
MORDEN 86-03	67	21.5	0.0	51.7	733	23.2	4.42	19.1
MORDEN 87-01	71	2.6	0.3	49.0	716	27.1	6.07	22.4
MORDEN 87-02	70	5.1	0.0	48.2	716	27.0	5.09	18.9
MORDEN 87-03	68	17.8	0.0	49.1	729	26.7	4.72	17.7
MORDEN 87-04	71	5.1	0.0	46.9	717	25.7	4.99	19.4
MORDEN 87-05	66	8.6	0.0	49.7	756	22.8	5.01	22.0
MORDEN 87-06	66	8.7	0.0	50.6	752	21.2	5.54	26.2
MORDEN 87-07	64	5.4	0.0	50.9	750	22.1	5.85	26.4
MORDEN 87-08	66	6.9	0.0	49.6	726	24.1	5.37	22.3
MORDEN 87-09	62	8.0	0.0	51.1	733	24.5	4.58	18.7
MORDEN 87-10	66	0.5	0.0	51.7	725	26.1	5.35	20.5
MORDEN 87-11	66	4.4	0.1	49.5	731	24.8	4.96	20.0
MORDEN 87-12	67	4.4	0.0	50.3	725	26.8	5.42	20.2
MORDEN 87-13	65	4.7	0.0	50.0	728	24.6	5.38	21.9
PIONEER 51078	74	6.1	0.1	50.1	699	27.7	5.67	20.5
PIONEER YCC71	71	1.8	0.0	50.8	718	26.2	6.26	23.9
THOMPSON HL 8443	68	4.9	0.1	49.3	728	23.1	4.94	21.4
THOMPSON HL 8701	70	4.1	0.1	50.1	733	25.6	6.14	24.0
THOMPSON HL 8702	73	2.5	0.0	51.0	727	28.3	6.89	24.4
THOMPSON HL 8703	74	0.0	0.0	48.3	717	27.0	5.42	20.1
MEAN	67	5.6	0.1	50.0	731	24.2	5.05	20.9
C.V.	3	83.0	941.6	3.6	1	5.4	13.51	14.1
LSD	3	7.7	1.1	3.0	18	2.2	1.12	4.8

Appendix 8. MANITOBA GRAIN CORN TEST #4 -1987-

Agriculture Canada Research Station, Morden, Manitoba

Date Seeded: May 13, 1987 Plot Size:9.00m X 0.75m
Date Harvested: October 7, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
LIMAGRAIN LG3	67	0.7	1.1	48.0	734	23.5	4.98	21.2
PAG SX104	69	3.6	0.0	51.3	714	26.6	5.22	19.6
PICKSEED 2555A	73	1.5	1.5	51.0	704	29.3	5.03	17.2
PIONEER 3994	69	3.8	0.0	50.3	706	28.6	3.71	13.0
PIONEER 3995	70	3.6	0.0	51.3	727	26.3	5.43	20.7
PRIDE K730	73	0.4	0.0	50.3	757	21.2	4.49	21.1
MEANS OF CHECKS	70	2.3	0.7	50.3	724	25.9	4.81	18.8
NORTHRUP KING C0077	70	0.0	0.0	50.8	742	23.6	5.64	23.9
NORTHRUP KING C0187	71	3.5	0.0	48.5	735	23.5	5.35	22.8
NORTHRUP KING X0546	72	2.5	0.0	50.1	711	26.1	5.31	20.3
OTTAWA OX783	70	3.5	0.0	50.3	720	25.6	4.82	18.8
OTTAWA OX828	74	2.1	0.0	51.3	730	25.6	4.81	18.8
OTTAWA OX838	73	3.2	0.0	50.4	725	26.5	5.38	20.3
OTTAWA OX869	71	2.2	0.0	52.0	753	24.8	5.07	20.5
OTTAWA OX870	72	8.5	0.0	52.0	719	25.8	5.89	22.8
PAG 84473	73	4.5	0.0	48.4	676	30.4	4.81	15.8
PAG 84478	74	2.3	0.0	50.5	669	32.2	5.22	16.2
PAG 85127	72	2.7	0.0	49.3	715	24.7	5.27	21.3
PAG 85130	74	13.6	0.0	48.1	708	26.5	5.12	19.3
PAG 85307	69	4.3	0.0	50.2	752	21.0	4.70	22.4
PAG 85308	68	3.8	1.0	48.7	728	22.9	4.27	18.7
PAG 85309	72	0.7	0.0	50.5	721	26.5	4.82	18.2
PAG 85310	69	9.5	0.0	51.1	728	21.9	4.17	19.0
UofM C84-14	69	3.2	0.0	47.2	740	24.0	4.82	20.1
UofM C84-18	69	3.7	0.0	51.8	720	25.4	4.48	17.6
UofM C84-20	69	26.0	0.2	50.2	736	23.4	3.97	16.9
UofM C85-1	68	5.5	0.0	49.5	750	22.8	4.91	21.6
UofM C85-17	68	5.2	0.0	50.5	737	25.8	4.58	17.7
UofM C85-18	69	9.1	0.0	51.1	731	24.5	4.85	19.9
UofM C85-20	68	12.6	0.0	50.2	758	20.2	5.09	25.3
UofM C85-5	70	2.6	0.0	52.3	708	26.9	5.63	21.0
UofM C85-7	74	2.7	0.0	50.1	744	23.6	5.36	22.7
UofM C86-1	72	2.8	0.0	50.4	721	26.3	5.28	20.1
UofM C86-13	68	12.1	0.0	49.5	736	21.8	4.48	20.6
UofM C86-2	70	35.5	1.5	50.5	742	22.8	5.09	22.4
UofM C86-3	68	2.5	0.0	49.9	719	24.9	4.55	18.3
UofM C86-6	68	3.9	0.0	47.9	726	26.6	4.92	18.5
MEAN	70	5.8	0.1	50.1	726	25.1	4.93	19.9
C.V.	3	86.8	415.8	4.0	2	5.2	11.15	11.4
LSD	3	8.2	1.0	3.3	19	2.1	0.90	3.7

Appendix 9 MANITOBA SILAGE CORN TEST #1 -1987-

Agriculture Canada Research Station, Brandon, Manitoba

Date Seeded: May 8, 1987 Plot Size:7.2m X 0.75m
Date Harvested: September 21, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
BRANDON 810324	73	2.6	0.0	48.1	59.2	9.0	15.3
CIBA GEIGY N0004	77	2.8	3.8	48.1	63.6	14.3	22.6
DEKALB DK233	72	2.8	0.0	48.1	54.1	10.2	18.9
DEKALB DK24	79	1.3	0.0	48.1	57.9	15.6	26.9
DEKALB DK246	77	2.6	0.0	48.1	48.8	11.3	23.2
DEKALB T778	81	0.0	5.1	48.1	60.5	15.5	25.6
DEKALB XL6	83	0.0	0.0	48.1	65.0	14.0	21.6
FIRST LINE 1626	84	0.0	1.3	48.1	65.5	15.9	24.3
FUNK G4010	78	0.0	0.0	48.1	66.2	14.9	22.6
FUNK G4017	78	2.8	0.0	48.1	61.5	14.2	23.1
FUNK G4018	85	0.0	3.0	48.1	71.1	16.8	23.6
FUNK G4066	78	1.5	0.0	48.1	60.0	13.9	23.1
FUNK G4083	78	1.5	0.0	48.1	62.2	11.9	19.2
FUNK G4102	85	0.0	0.0	48.1	68.1	17.3	25.5
JACQUES JX3	80	0.0	1.3	48.1	60.4	16.1	26.7
JACQUES JX5	84	2.6	2.6	48.1	62.8	16.9	27.0
LIMAGRAIN LG3	73	0.0	1.5	48.1	57.3	10.1	17.6
MINAS 3012	79	1.3	0.0	48.1	62.2	14.4	23.1
MINAS 835	84	1.3	0.0	48.1	64.0	17.0	26.5
MORDEN 85-22	71	0.0	0.0	48.1	57.6	8.9	15.4
MORDEN 85-24	71	0.0	0.0	48.1	45.9	8.2	18.0
NORTHRUP KING PX414	81	0.0	1.5	48.1	65.6	14.6	22.2
NORTHRUP KING PX9028	78	3.0	0.0	48.1	62.3	14.1	22.7
NORTHRUP KING PX9060	80	1.5	1.3	48.1	62.0	13.6	21.9
NORTHRUP KING PX9902	83	1.5	0.0	48.1	67.3	14.5	21.6
NORTHRUP KING X0875	79	0.0	1.5	48.1	62.7	15.3	24.4
PAG SX104	76	0.0	0.0	48.1	55.7	11.6	20.9
PAG SX108	84	0.0	1.5	48.1	65.0	15.9	24.4
PAG SX111	81	1.3	1.5	48.1	63.7	13.7	21.5
PICKSEED 2020	80	0.0	0.0	48.1	64.6	12.3	19.1
PICKSEED 2120	76	0.0	1.3	48.1	59.1	12.6	21.2
PICKSEED 2240	80	1.3	3.8	48.1	64.6	14.5	22.4
PICKSEED 2435	74	1.3	0.0	48.1	50.2	10.9	21.6
PICKSEED 2477	73	0.0	0.0	48.1	60.4	12.6	20.9
PICKSEED 2488	73	2.8	0.0	48.1	50.3	11.4	22.7
PICKSEED 2555A	80	2.6	0.0	48.1	62.2	12.9	20.8
PICKSEED MS 2627	84	1.3	3.8	48.1	71.7	17.3	24.1
PIONEER 3953	78	0.0	0.0	48.1	63.8	13.5	21.2
PIONEER 3957	79	1.5	0.0	48.1	60.0	15.0	25.0
PIONEER 3969	78	1.3	0.0	48.1	56.2	12.5	22.3
PIONEER 3979	76	1.3	0.0	48.1	61.7	14.2	23.0
PIONEER 3994	77	1.3	0.0	48.1	63.2	9.4	14.8
PIONEER 3995	73	2.6	1.3	48.1	60.0	9.3	15.5

Appendix 9 CONT'D MANITOBA SILAGE CORN TEST #1 -1987-

Agriculture Canada Research Station, Brandon, Manitoba

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
PIONEER 3996	78	0.0	0.0	48.1	55.6	12.0	21.6
PRIDE 1111	78	0.0	0.0	48.1	57.4	14.0	24.4
PRIDE K025	76	1.5	0.0	48.1	50.9	10.4	20.5
PRIDE K035	80	0.0	0.0	48.1	62.4	15.2	24.4
PRIDE K1107	78	1.5	0.0	48.1	56.7	12.1	21.4
PRIDE K1115	82	0.0	0.0	48.1	66.5	13.2	19.8
PRIDE K730	77	2.6	3.8	48.1	60.0	14.8	24.7
THOMPSON HL 2260	82	0.0	0.0	48.1	63.8	16.3	25.6
THOMPSON HL 2280	85	0.0	0.0	48.1	68.4	16.9	24.7
THOMPSON HL 2428	84	0.0	2.8	48.1	66.2	17.0	25.7
THOMPSON HL 3251	78	1.5	1.5	48.1	62.0	12.5	20.2
THOMPSON HL 8341	75	1.3	0.0	48.1	53.4	13.0	24.3
U.CO-OP 2325	81	1.3	4.1	48.1	63.5	17.3	27.2
U.CO-OP 2335	76	2.8	2.6	48.1	54.0	11.4	21.0
U.CO-OP 2350	78	0.0	1.3	48.1	60.1	14.5	24.2
U.CO-OP 2610	82	0.0	1.5	48.1	63.2	15.6	24.7
U.CO-OP 6312	77	1.3	0.0	48.1	58.3	14.3	24.6
U.CO-OP S259	78	1.3	5.4	48.1	61.6	15.4	25.0
UGG 136	78	0.0	1.5	48.1	57.2	14.9	26.1
UGG MAC RL211	78	0.0	0.0	48.1	61.0	13.6	22.2
UGG MAC RL215	81	2.8	1.3	48.1	62.0	15.3	24.7
MEAN	79	1.0	1.0	48.1	60.8	13.7	22.5
C.V.	3	193.6	231.7	0.0	3.7	10.7	11.7
LSD	3	3.2	3.6	0.0	3.6	2.4	4.3

Appendix 10. MANITOBA SILAGE CORN TEST #1 -1987-

Agriculture Canada Research Station, Morden, Manitoba

Date Seeded: May 13, 1987 Plot Size:9.00m X 0.75m
Date Harvested: September 11, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
BRANDON 810324	63	0.3	1.0	50.4	66.7	9.8	14.7
CIBA GEIGY N0004	69	0.7	0.0	50.3	69.7	15.3	21.9
DEKALB DK233	64	1.4	1.0	50.1	68.7	11.4	16.7
DEKALB DK24	73	0.3	0.0	42.9	67.2	15.6	23.2
DEKALB DK246	69	0.1	0.0	45.6	55.5	13.8	25.0
DEKALB T778	72	0.2	0.0	46.3	68.2	18.0	26.3
DEKALB XL6	74	0.0	0.3	47.3	70.2	14.0	19.9
FIRST LINE 1626	74	0.4	0.0	48.6	69.2	15.3	22.1
FUNK G4010	73	0.1	0.0	49.3	74.8	13.4	18.0
FUNK G4017	69	1.1	1.0	49.3	69.9	14.9	21.3
FUNK G4018	76	0.0	1.1	49.5	67.6	22.9	33.9
FUNK G4066	72	0.1	0.0	48.7	65.7	18.0	27.5
FUNK G4083	69	1.2	0.0	50.1	67.1	15.5	23.1
FUNK G4102	75	2.1	0.0	50.5	69.4	21.4	30.9
JACQUES JX3	72	0.3	0.0	49.4	68.8	15.8	22.9
JACQUES JX5	74	0.4	0.0	49.2	68.1	18.6	27.4
LIMAGRAIN LG3	65	0.3	0.0	51.4	66.0	11.7	17.8
MINAS 3012	73	0.3	0.0	50.1	68.3	15.6	22.9
MINAS 835	75	0.3	0.0	49.8	67.2	20.2	30.1
MORDEN 85-22	63	1.0	0.1	50.3	65.1	10.6	16.2
MORDEN 85-24	62	2.5	0.0	50.9	59.5	10.4	17.4
NORTHRUP KING PX414	73	0.7	0.0	52.9	69.7	17.3	24.8
NORTHRUP KING PX9028	69	0.5	0.0	49.1	68.4	18.1	26.5
NORTHRUP KING PX9060	72	0.4	0.0	49.9	67.4	16.8	25.0
NORTHRUP KING PX9902	75	0.0	0.1	51.2	69.6	16.4	23.5
NORTHRUP KING X0875	71	0.1	0.1	50.3	67.9	17.2	25.3
PAG SX104	68	1.2	0.0	52.5	66.8	13.9	20.8
PAG SX108	74	0.4	0.0	49.3	70.5	17.5	24.9
PAG SX111	73	0.2	3.1	48.4	70.6	14.9	21.1
PICKSEED 2020	72	0.2	3.1	48.3	68.8	13.0	18.8
PICKSEED 2120	66	0.2	0.0	47.6	66.9	12.9	19.2
PICKSEED 2240	72	2.5	0.0	50.7	69.4	18.3	26.4
PICKSEED 2435	66	1.4	0.0	50.5	63.1	12.1	19.1
PICKSEED 2477	67	0.0	0.0	50.4	68.3	14.1	20.7
PICKSEED 2488	66	3.2	1.0	50.4	64.0	13.2	20.6
PICKSEED 2555A	69	0.1	0.0	45.3	67.2	15.9	23.7
PICKSEED MS 2627	75	0.1	2.3	46.5	72.6	21.5	29.6
PIONEER 3953	70	0.2	0.0	53.0	69.0	16.0	23.3
PIONEER 3957	72	0.0	0.0	51.0	65.3	19.0	29.1
PIONEER 3969	67	0.2	0.0	51.7	65.4	15.1	23.1
PIONEER 3979	67	0.2	0.1	51.7	70.5	16.0	22.8
PIONEER 3994	66	1.3	0.1	46.8	69.8	11.4	16.3
PIONEER 3995	67	0.2	0.1	50.5	70.3	12.7	18.0

Appendix 10 CONT'D MANITOBA SILAGE CORN TEST #1 -1987-

Agriculture Canada Research Station, Morden, Manitoba

VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
PIONEER 3996	66	2.2	0.1	49.7	64.4	13.0	20.3
PRIDE 1111	73	0.1	0.1	46.8	65.2	14.6	22.4
PRIDE K025	68	0.1	6.9	49.1	65.8	11.4	17.3
PRIDE K035	69	0.2	0.1	49.2	69.9	11.9	17.1
PRIDE K1107	68	0.4	1.3	43.0	60.9	14.6	23.9
PRIDE K1115	71	0.0	0.0	46.9	69.8	14.5	20.7
PRIDE K730	70	0.0	0.0	50.3	66.0	17.3	26.2
THOMPSON HL 2260	73	0.0	1.1	49.1	71.6	15.7	21.9
THOMPSON HL 2280	76	1.0	0.0	49.8	70.5	19.9	28.2
THOMPSON HL 2428	76	1.8	0.1	48.4	65.9	22.7	34.5
THOMPSON HL 3251	68	2.3	0.0	50.2	70.8	12.1	17.0
THOMPSON HL 8341	68	0.0	0.0	50.0	66.9	14.5	21.7
U.CO-OP 2325	72	0.3	0.0	49.7	56.3	22.9	40.7
U.CO-OP 2335	68	0.5	0.0	48.9	64.8	13.3	20.5
U.CO-OP 2350	68	0.0	0.0	48.2	67.3	14.6	21.6
U.CO-OP 2610	74	0.0	0.1	48.9	71.8	15.8	22.0
U.CO-OP 6312	73	3.3	0.0	50.3	67.5	16.8	24.8
U.CO-OP S259	72	0.4	0.0	50.0	69.9	16.4	23.5
UGG 136	69	0.5	0.0	50.7	70.2	13.9	19.7
UGG MAC RL211	71	2.4	0.0	49.7	67.4	15.0	22.2
UGG MAC RL215	71	2.1	0.0	43.6	68.3	14.2	20.9
MEAN	70	0.6	0.3	49.2	67.6	15.5	23.2
C.V.	2	239.7	508.9	4.8	4.9	15.0	24.3
LSD	3	2.5	2.8	3.8	5.4	3.8	9.1

Appendix 11. MANITOBA SILAGE CORN TEST #1 -1987-
University of Manitoba, Ridgeville Site

Date Seeded: May 5, 1987 Plot Size:9.1m X 0.75m
Date Harvested: September 14, 1987

VARIETY	DAYS 50 % SILK	BROK STALK %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
BRANDON 810324	69	8.9	45.4	60.1	7.7	12.8
CIBA GEIGY N0004	69	8.1	44.9	59.9	14.2	23.8
DEKALB DK233	65	11.0	47.0	57.7	8.9	15.4
DEKALB DK24	80	6.2	44.2	64.3	11.0	17.1
DEKALB DK246	71	8.1	41.7	53.8	9.5	17.7
DEKALB T778	79	6.1	49.0	61.5	13.0	21.2
DEKALB XL6	82	0.0	45.0	66.3	10.6	16.0
FIRST LINE 1626	79	1.1	44.3	68.2	13.0	19.1
FUNK G4010	80	1.1	49.8	67.3	14.1	20.9
FUNK G4017	73	1.7	47.7	66.2	11.5	17.4
FUNK G4018	79	0.5	45.9	62.8	18.3	29.1
FUNK G4066	78	8.7	47.1	67.9	9.9	14.6
FUNK G4083	74	12.6	45.9	63.7	9.8	15.4
FUNK G4102	79	1.3	49.1	66.0	15.1	22.9
JACQUES JX3	80	4.4	50.6	62.5	13.8	22.1
JACQUES JX5	81	7.8	45.7	64.2	12.6	19.6
LIMAGRAIN LG3	68	4.4	45.3	60.5	10.4	17.2
MINAS 3012	72	0.9	49.3	67.2	11.9	17.8
MINAS 835	79	3.9	50.1	66.1	9.7	14.7
MORDEN 85-22	69	3.8	47.4	60.7	9.1	15.0
MORDEN 85-24	71	1.3	44.8	63.4	9.5	15.0
NORTHRUP KING PX414	79	3.0	47.7	61.0	13.0	21.2
NORTHRUP KING PX9028	72	3.5	39.3	66.8	11.0	16.5
NORTHRUP KING PX9060	78	0.1	42.8	65.3	11.9	18.3
NORTHRUP KING PX9902	79	0.8	49.1	64.2	14.1	22.0
NORTHRUP KING X0875	78	1.9	47.5	60.8	13.9	22.8
PAG SX104	69	11.3	48.9	57.9	10.1	17.4
PAG SX108	0	1.8	51.0	62.6	13.4	21.5
PAG SX111	84	3.4	42.5	64.1	12.0	18.7
PICKSEED 2020	73	4.2	36.4	64.1	10.2	15.9
PICKSEED 2120	69	2.7	40.0	60.0	9.8	16.4
PICKSEED 2240	75	4.3	51.3	67.5	12.3	18.2
PICKSEED 2435	69	10.7	48.1	49.9	10.8	21.7
PICKSEED 2477	69	3.1	51.2	61.6	11.9	19.2
PICKSEED 2488	69	4.8	40.5	56.8	8.5	15.0
PICKSEED 2555A	75	10.9	38.9	61.6	12.4	20.2
PICKSEED MS 2627	79	8.2	47.7	70.0	15.0	21.4
PIONEER 3953	75	1.0	50.2	64.9	14.1	21.8
PIONEER 3957	79	6.7	47.6	62.0	13.1	21.2
PIONEER 3969	73	5.9	49.8	61.0	12.6	20.7
PIONEER 3979	73	3.3	47.3	65.3	12.9	19.8
PIONEER 3994	66	5.1	48.0	59.6	10.9	18.2
PIONEER 3995	66	11.2	48.8	59.3	10.8	18.3
PIONEER 3996	70	10.1	50.4	51.9	11.1	21.5

Appendix 11. CONT'D MANITOBA SILAGE CORN TEST #1 -1987-
University of Manitoba, Ridgeville Site

VARIETY	DAYS 50 % SILK	BROK STALK %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
PRIDE 1111	75	4.1	49.6	56.8	13.4	23.6
PRIDE K025	70	11.4	47.3	51.4	9.7	18.8
PRIDE K035	78	9.1	45.9	59.4	12.9	21.7
PRIDE K1107	75	3.5	38.1	64.9	10.1	15.6
PRIDE K1115	76	2.8	48.5	66.9	11.3	16.8
PRIDE K730	74	5.7	49.0	61.8	11.4	18.5
THOMPSON HL 2260	79	4.2	48.2	58.7	15.2	25.9
THOMPSON HL 2280	80	0.3	43.4	69.6	13.5	19.3
THOMPSON HL 2428	80	3.5	45.1	66.2	13.2	20.0
THOMPSON HL 3251	72	4.3	48.1	61.0	10.6	17.3
THOMPSON HL 8341	69	6.3	37.1	58.7	8.9	15.1
U.CO-OP 2325	74	7.4	49.4	62.3	13.8	22.2
U.CO-OP 2335	73	8.5	49.8	53.1	11.0	20.7
U.CO-OP 2350	74	10.5	48.7	61.1	11.4	18.6
U.CO-OP 2610	79	2.4	45.2	67.2	10.7	16.0
U.CO-OP 6312	74	7.6	44.2	61.3	10.7	17.4
U.CO-OP S259	79	5.8	41.4	62.9	12.3	19.5
UGG 136	69	7.6	48.1	55.1	12.1	21.9
UGG MAC RL211	73	8.2	47.2	64.9	11.2	17.2
UGG MAC RL215	78	1.7	34.7	67.5	8.6	12.8
MEAN	73	5.2	46.2	62.2	11.7	19.1
C.V.	1	72.6	8.5	5.8	15.1	19.9
LSD	1	6.1	6.4	5.8	2.9	6.1

Appendix 12. MCC Grain Corn Recommendation Summary -1985, 1986, 1987-
Mean of 7 sites over 3 years

	VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
CG87	PIONEER 3995	2151 71	5.4	3.3	50.9	648	32.6	3.64	11.2
CG87	LIMAGRAIN LG3	2154 71	2.8	8.1	48.6	653	33.7	3.83	11.3
CG87	PRIDE K730	2204 75	3.4	1.0	50.8	659	29.3	4.00	13.6
CG87	PIONEER 3994	2219 72	3.6	2.4	50.1	622	35.7	3.54	9.9
CG87	PAG SX104	2245 74	7.0	1.8	49.6	627	35.4	3.79	10.7
CG87	PICKSEED 2555A	2327 77	4.0	7.7	49.5	617	36.8	3.97	10.8
	MEANS OF CHECKS	73	4.4	4.0	49.9	638	33.9	3.80	11.3
L387	BRANDON 820498	2049 68	9.0	2.2	49.8	670	29.9	3.12	10.4
RG87	MORDEN 85-24	2102 71	4.9	4.5	47.7	654	28.7	3.44	12.0
LD87	BRANDON 810324	2115 71	10.3	5.7	50.2	648	30.5	3.53	11.6
RG87	PICKSEED 2488	2130 72	8.4	5.1	47.1	637	30.1	3.33	11.1
RG87	MORDEN 85-22	2159 71	5.6	2.9	48.4	677	33.4	3.81	11.4
RG87	PICKSEED 2435	2159 73	4.5	11.3	49.9	654	30.6	3.68	12.0
RG87	DEKALB DK233	2171 71	5.1	1.1	49.6	663	34.0	3.68	10.8
RG87	UofM C84-14	2185 73	10.6	3.0	48.9	653	32.3	3.97	12.3
RG87	UofM C84-18	2190 73	6.1	0.7	50.6	646	32.7	3.77	11.5
RG87	THOMPSON HL 8341	2203 73	4.0	5.2	50.2	635	32.9	4.47	13.6
RG87	PRIDE K025	2214 74	6.2	2.8	47.9	636	31.8	3.19	10.0
RG87	DEKALB DK235	2220 75	3.1	4.8	50.5	633	31.4	4.46	14.2
RG87	U.CO-OP 2350	2221 75	3.8	3.1	50.0	647	31.1	3.73	12.0
RG87	FUNK G4017	2222 75	3.0	2.2	51.1	653	31.5	4.39	13.9
RG87	PICKSEED 2120	2236 74	4.4	3.6	49.4	623	34.9	3.71	10.6
RG87	PIONEER 3996	2241 75	7.8	3.2	51.2	649	33.5	3.70	11.1
RG87	NORTHRUP KING PX9028	2250 76	2.8	3.4	49.7	638	31.2	4.12	13.2
RG87	PIONEER 3979	2254 74	2.1	6.5	50.7	609	34.9	4.65	13.3
RG87	PIONEER 3969	2256 74	5.3	0.9	50.5	621	35.1	4.42	12.6
RG87	PICKSEED 2477	2256 74	3.1	1.5	49.8	653	36.0	3.92	10.9
RG87	CIBA GEIGY N0004	2264 75	3.6	6.9	47.9	608	34.7	4.24	12.2
CG87	FUNK G4083	2264 75	3.7	1.5	50.0	649	33.9	3.91	11.5
RG87	UGG MAC RL211	2265 75	5.1	0.9	51.2	644	34.1	4.07	11.9
RG87	UGG 136	2267 75	3.2	1.6	49.7	625	35.4	4.26	12.0
RG87	U.CO-OP 6312	2268 76	4.6	2.9	50.7	629	32.4	4.24	13.1
RG87	THOMPSON HL 3251	2282 74	4.2	4.6	47.2	628	37.9	3.51	9.3
RG87	DEKALB DK246	2295 76	7.9	4.6	49.9	633	34.7	3.87	11.2
RG87	U.CO-OP 2325	2300 78	4.3	4.6	50.2	617	33.0	4.07	12.3
RG87	PICKSEED 2020	2302 77	3.5	4.0	49.5	637	34.3	3.73	10.9
RG87	PRIDE K1107	2328 77	9.3	4.3	47.6	608	36.7	3.88	10.5
RG87	PICKSEED 2240	2329 77	3.2	2.7	49.7	640	35.3	3.90	11.0
RG87	PRIDE 1111	2331 77	6.4	2.1	48.5	600	36.1	3.90	10.8
RG87	UGG MAC RL215	2351 78	3.4	2.4	47.9	636	36.4	3.74	10.3
	MEAN	74	5.1	3.6	49.6	638	33.5	3.88	13.1

Appendix 13. MCC Grain Corn Registration Summary -1986, 1987- (CHU RANKING)
Mean of 4 sites over 2 years

	VARIETY	DAYS 50 % SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
CG87	LIMAGRAIN LG3	2130 67	3.0	0.7	49.0	694	27.7	4.10	14.8
CG87	PIONEER 3995	2151 68	7.2	1.0	49.4	684	28.4	3.84	13.5
CG87	PIONEER 3994	2210 69	4.2	1.0	49.4	662	30.5	3.86	12.6
CG87	PAG SX104	2216 70	10.0	0.1	49.4	671	29.8	4.26	14.3
CG87	PRIDE K730	2219 72	5.0	1.8	49.5	698	26.3	4.30	16.4
CG87	PICKSEED 2555A	2307 73	5.6	2.8	49.0	665	30.8	4.50	14.6
	MEANS OF CHECKS	70	5.8	1.2	49.3	679	28.9	4.14	14.4
L287	DEKALB LX120	2083 68	9.5	0.1	48.3	708	24.1	3.14	13.0
L287	MORDEN 86-03	2096 67	22.5	4.1	49.9	687	26.1	3.60	13.8
L287	UofM C85-18	2112 68	8.6	1.2	49.3	697	25.2	3.83	15.2
L287	BRANDON 820307	2115 67	6.4	0.9	49.9	696	27.3	3.92	14.4
L287	PAG 85308	2127 68	6.4	0.8	49.2	673	26.7	3.71	13.9
L287	UofM C85-17	2131 68	10.3	0.0	49.8	695	27.4	3.95	14.4
L287	BRANDON 820219	2149 67	9.8	0.0	50.0	670	29.5	4.00	13.6
L287	BRANDON 810495	2165 68	12.5	2.1	47.7	682	29.0	4.08	14.0
L287	UofM C85-1	2171 69	5.7	3.9	48.8	693	27.5	4.29	15.6
L287	PAG 85310	2185 70	6.4	0.0	49.5	672	27.4	3.96	14.5
L287	OTTAWA OX783	2199 70	3.4	0.7	49.8	676	28.9	4.54	15.7
L287	BRANDON 810002	2217 70	10.6	5.0	49.4	660	28.8	4.45	15.4
L287	THOMPSON HL 8443	2224 71	6.7	1.0	50.3	671	27.8	3.96	14.2
L287	DEKALB X603	2228 70	8.4	1.0	49.0	667	30.6	4.69	15.3
L287	UofM C85-5	2229 71	4.1	0.9	50.4	666	29.4	4.44	15.1
L287	PAG 84473	2264 71	4.3	0.7	48.9	645	30.4	4.34	14.3
L287	OTTAWA OX828	2275 73	4.9	0.0	49.3	684	28.9	4.68	16.2
L287	NORTHRUP KING X0546	2314 74	4.4	0.0	49.3	670	30.4	4.88	16.1
L287	PAG 84478	2339 72	3.2	1.6	48.7	630	34.1	4.29	12.6
	MEAN	70	7.3	1.2	49.3	677	28.5	4.14	14.5